

FIG.1

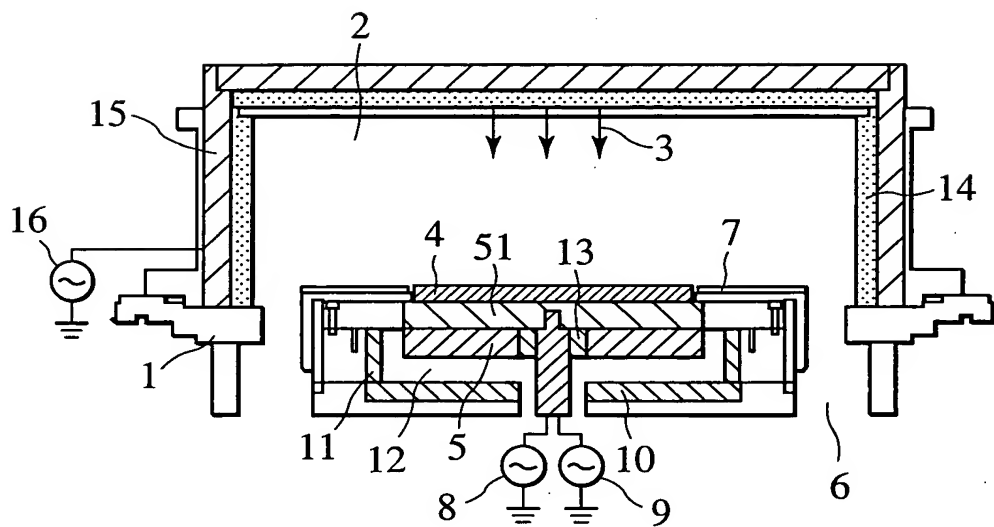


FIG.2

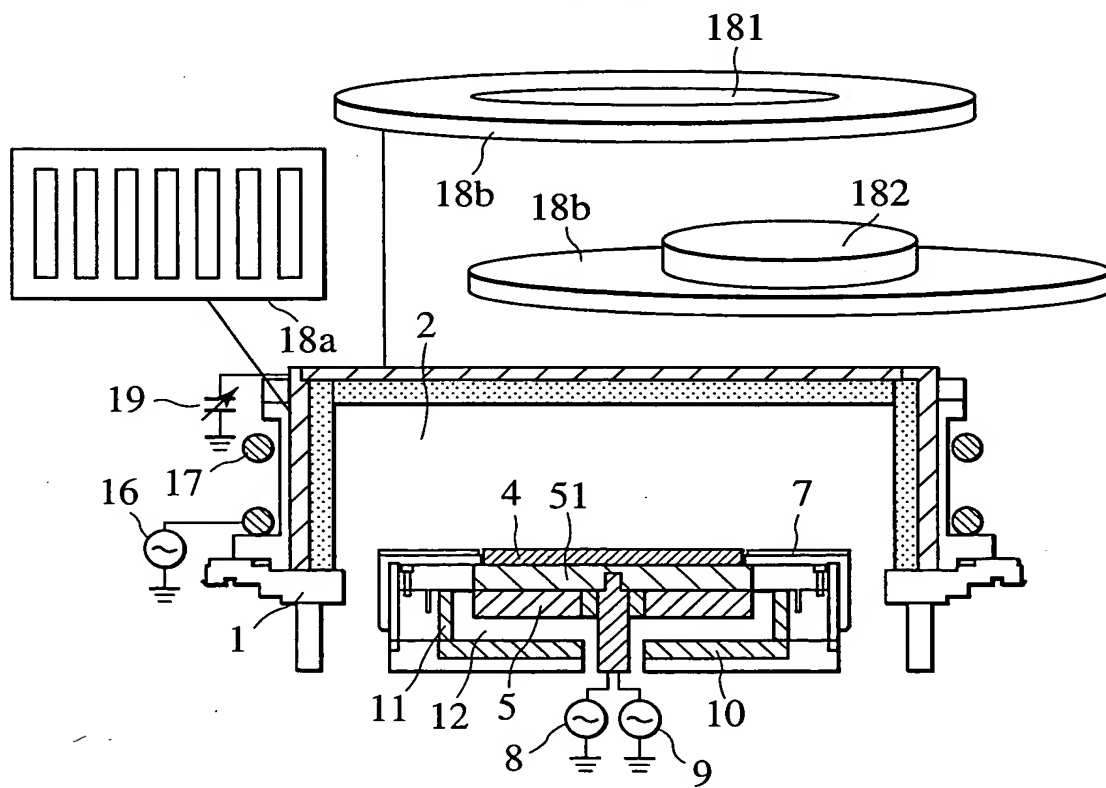


FIG.3A

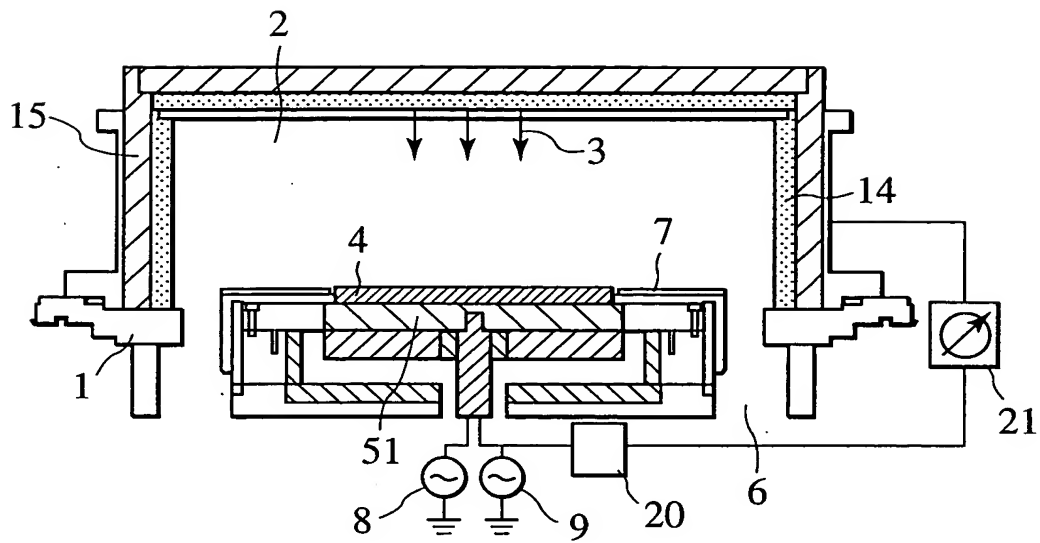


FIG.3B

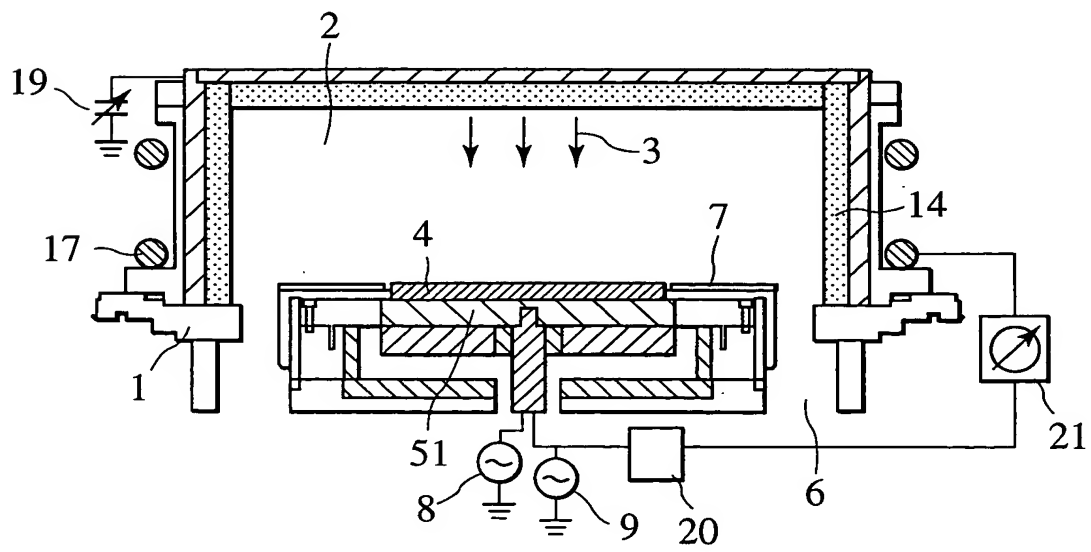


FIG.4

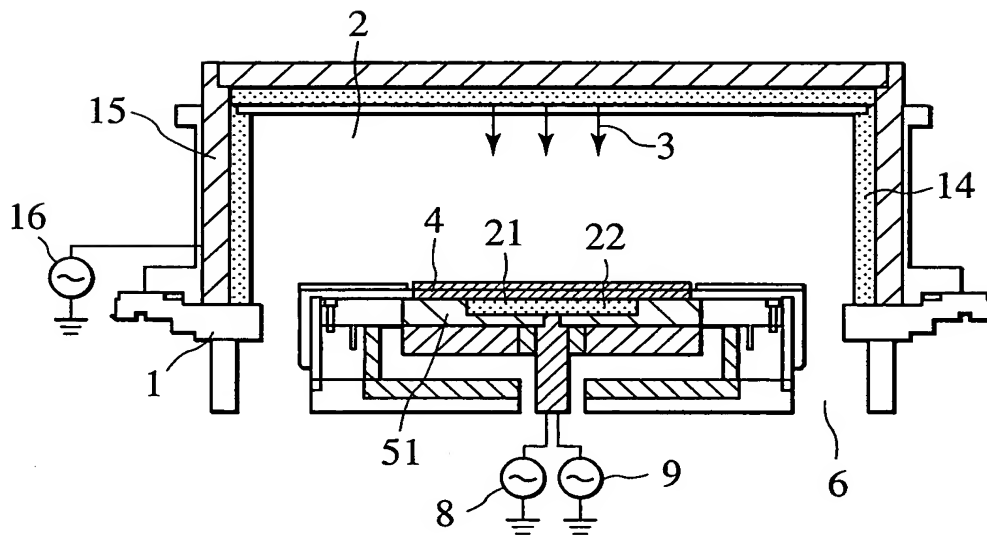


FIG.5A

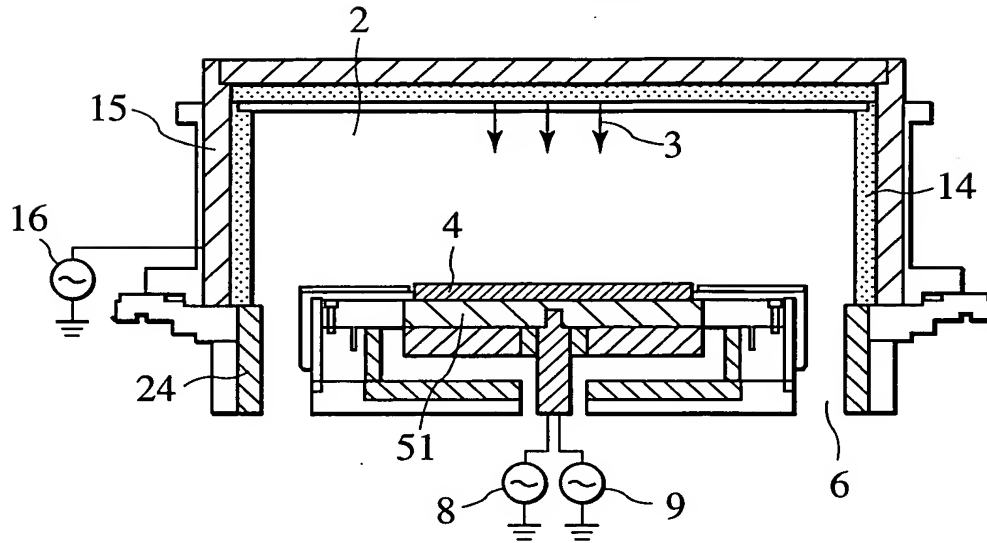


FIG.5B

WALL MATERIAL	RADICAL	BONDING ENERGY (eV)
SiO	AlF ₃	1.52
	AlF ₂	5.58
	AlF	3.49
SiO-AlF	AlF	0.50
	SiF ₄	— (NOT ADSORBED)
AlO	AlF	3.70
	AlF ₂	5.76
AlO-AlF	AlF	0.81
AlO	CF ₂	3.78
Al	OCF ₂	0.71
ZrO	ZrF ₃	9.08
	ZrF ₂	8.91
ZrO	CF ₂	3.79
Zr	OCF ₂	1.78